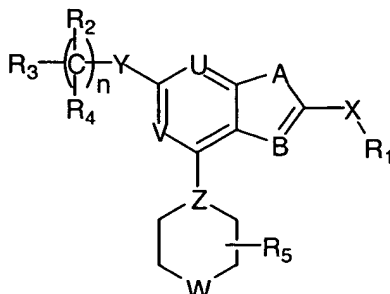


WHAT IS CLAIMED IS:

1. A compound of formula (I):



- 5 wherein
- R_1 is aryl or heteroaryl;
- each of R_2 and R_4 , independently, is H, halogen, CN, alkyl, OR^a , or NR^aR^b ;
- R_3 is H, halogen, CN, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cyclyl, heterocyclyl, OR^a , $OC(O)R^a$, $OC(O)NR^aR^b$, NR^aR^b , $NR^aC(O)R^b$, $NR^aS(O)R^b$, $NR^aS(O)_2R^b$, $NR^aC(O)NR^bR^c$, $NR^aC(S)NR^bR^c$, $NR^aC(NR^b)NR^cR^d$, $NR^aC(O)OR^b$, $S(O)NR^aR^b$, $S(O)_2NR^aR^b$, $S(O)R^a$, $S(O)_2R^a$, $C(O)R^a$, $C(O)OR^a$, or $C(O)NR^aR^b$;
- 10 R_5 is H or alkyl;
- n is 0, 1, 2, 3, 4, 5, or 6;
- A is O, S, $S(O)$, $S(O)_2$, or NR^e ;
- 15 B is N or CR^f ;
- X is O, S, $S(O)$, $S(O)_2$, NR^e , or $C(O)$;
- Y is a covalent bond, $C(O)$, $C=NR^a$, O, S, $S(O)$, $S(O)_2$, or NR^e ;
- Z is N or CH;
- each of U and V, independently, is N or CR; and
- 20 W is O, S, or NR^e ;
- in which each of R^a , R^b , R^c , and R^d , independently, is H, alkyl, aryl, heteroaryl, cyclyl, or heterocyclyl; R^e is H, alkyl, aryl, acyl, or sulfonyl; and R^f is H, alkyl, aryl, acyl, sulfonyl, alkoxyl, amino, ester, amide, CN, or halogen; and
- provided that if each of U and V is N, Y is a covalent bond, n is 0, then R_3 is H, CN, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cyclyl, OR^a , $OC(O)R^a$, $OC(O)NR^aR^b$, NR^aR^b , $NR^aC(O)R^b$, $NR^aS(O)R^b$, $NR^aS(O)_2R^b$, $NR^aC(O)NR^bR^c$, $NR^aC(S)NR^bR^c$, $NR^aC(NR^b)NR^cR^d$,

$\text{NR}^a\text{C}(\text{O})\text{OR}^b$, $\text{S}(\text{O})\text{NR}^a\text{R}^b$, $\text{S}(\text{O})_2\text{NR}^a\text{R}^b$, $\text{S}(\text{O})\text{R}^a$, $\text{S}(\text{O})_2\text{R}^a$, $\text{C}(\text{O})\text{R}^a$, $\text{C}(\text{O})\text{OR}^a$, or $\text{C}(\text{O})\text{NR}^a\text{R}^b$.

2. The compound of claim 1, wherein A is NR^e , and B is N.

3. The compound of claim 1, wherein Z is N.

4. The compound of claim 3, wherein W is O.

5. The compound of claim 1, wherein X is NR^e .

6. The compound of claim 1, wherein each of U and V is N.

7. The compound of claim 6, wherein A is NR^e and B is N.

8. The compound of claim 6, wherein Z is N.

9. The compound of claim 8, wherein W is O.

10. The compound of claim 6, wherein X is NR^e .

11. The compound of claim 10, wherein A is NR^e and B is N.

12. The compound of claim 11, wherein Z is N.

13. The compound of claim 12, wherein W is O.

14. The compound of claim 12, wherein R_3 is halogen, CN, alkyl, aryl, heteroaryl, OR^a , $\text{OC}(\text{O})\text{R}^a$, NR^aNR^b , $\text{NR}^a\text{C}(\text{O})\text{R}^b$, $\text{C}(\text{O})\text{OR}^a$, or $\text{C}(\text{O})\text{NR}^a\text{R}^b$.

15. The compound of claim 14, wherein R_3 is aryl, heteroaryl, aryloxy, or heteroaryloxy.

16. The compound of claim 15, wherein R_3 is heteroaryl.

17. The compound of claim 15, wherein R_3 is pyridinyl, triazolyl, tetrazolyl, pyrimidinyl, thiazolyl, indolyl, or indolizinyl.

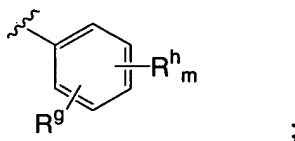
18. The compound of claim 15, wherein the compound is a *N*-oxide.

19. The compound of claim 13, wherein R_1 is aryl.

20. The compound of claim 19, wherein Y is NR^e .

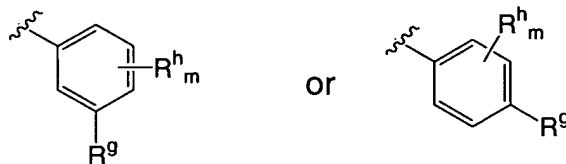
21. The compound of claim 19, wherein Y is O.

22. The compound of claim 19, wherein R_1 is



in which R^g is H, halogen, CN, alkyl, or alkoxy; R^h is halogen, CN, hydroxyl, amino, alkyl, aryl, heteroaryl, alkoxy, aryloxy, heteroaryloxy, acyl, alkoxy carbonyl, alkyl carbonoxyl, mono- and dialkylaminocarbonyl, amidinyl, ureyl, guanadinyl, sulfonyl, or sulfonamidyl; and m is 0, 1, 2, 3, or 4.

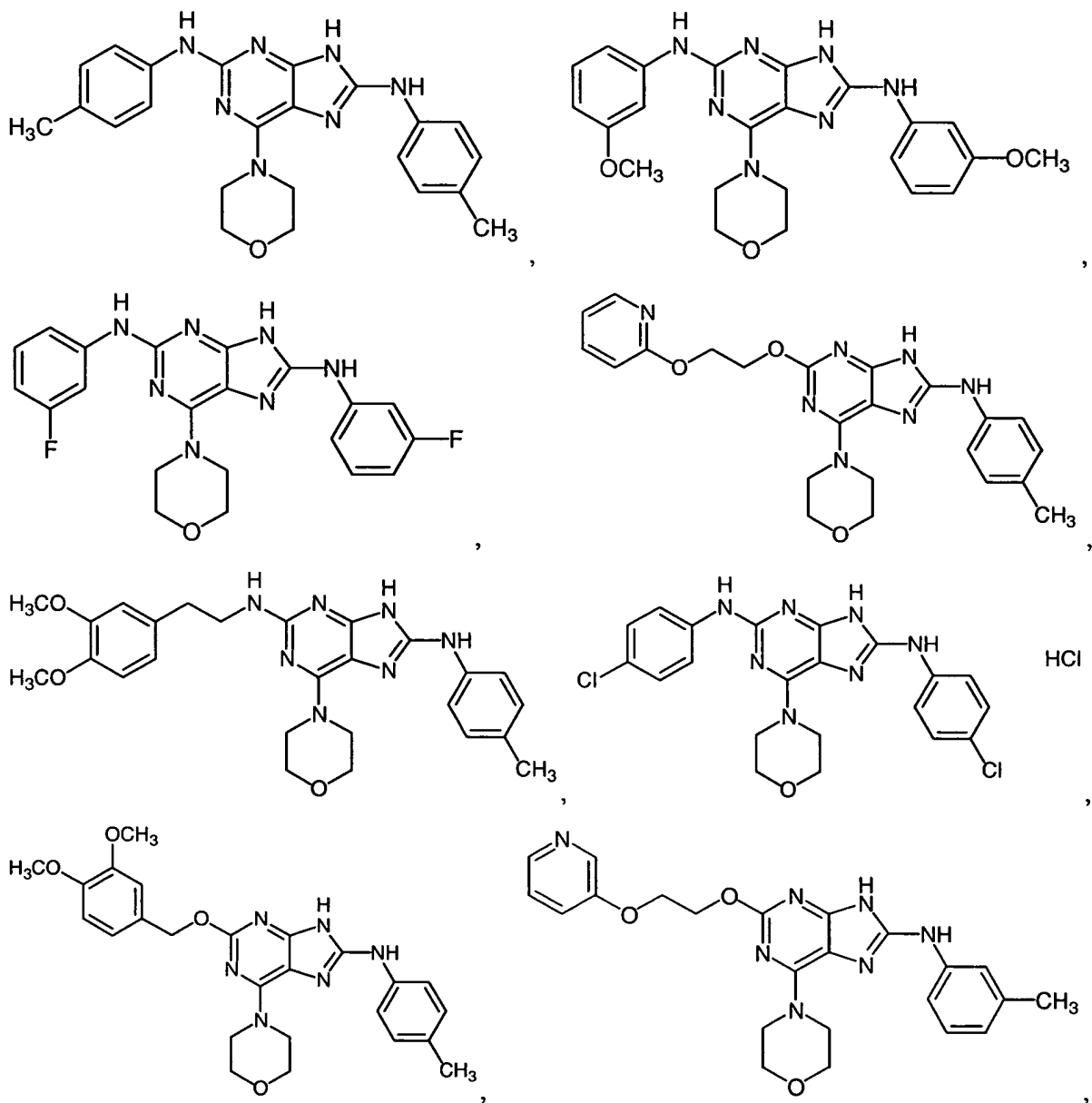
23. The compound of claim 22, wherein R_1 is

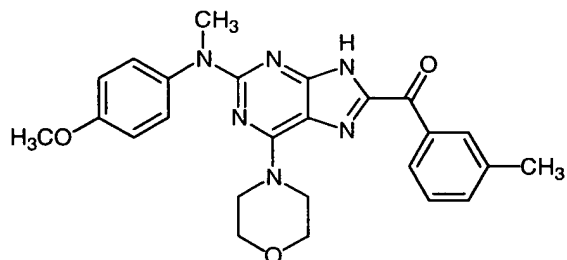
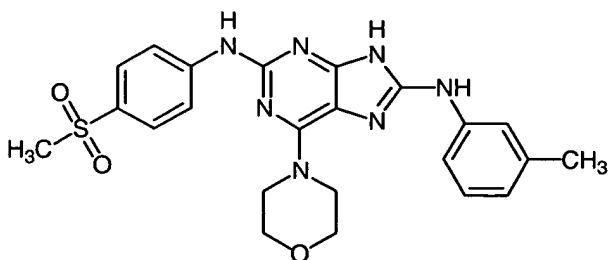
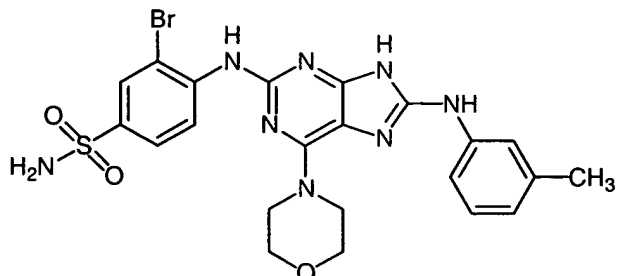
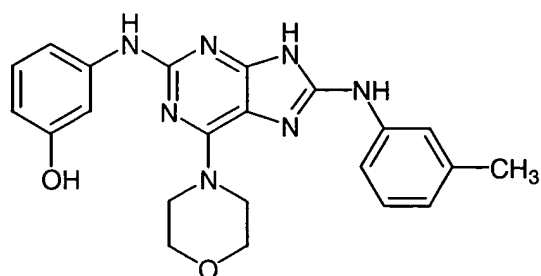
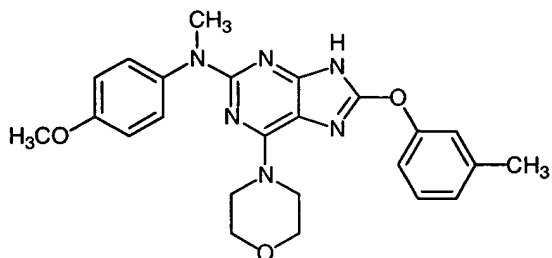
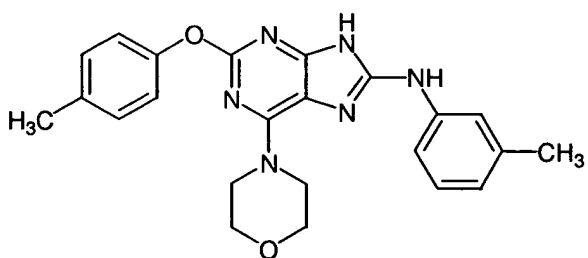
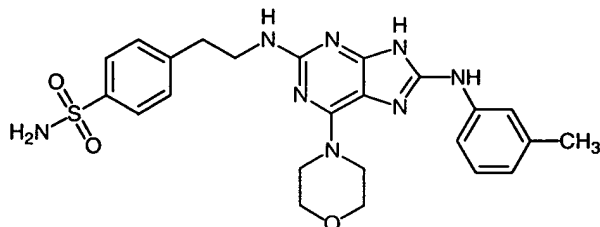
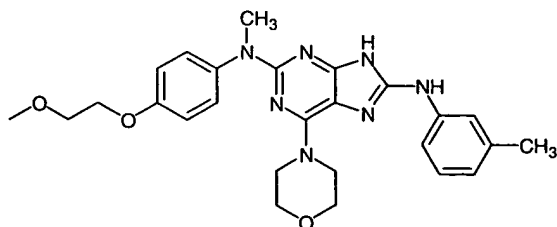
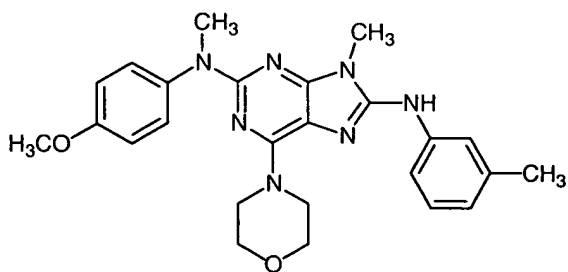
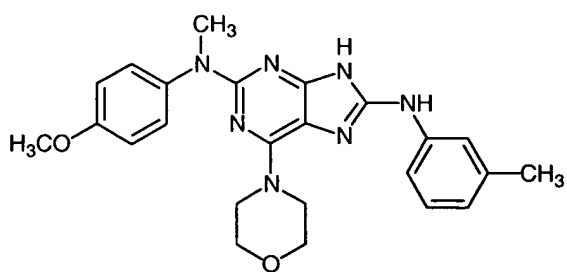


24. The compound of claim 22, wherein R^g is H, F, Cl, Br, I, CN, Me, Et, Pr, *i*-Pr, OMe, or OEt.

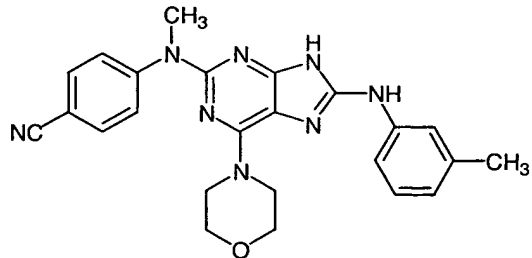
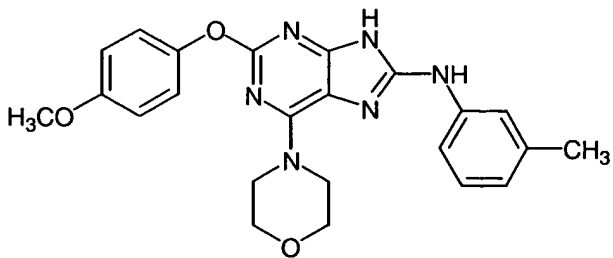
25. The compound of claim 1, wherein the compound is

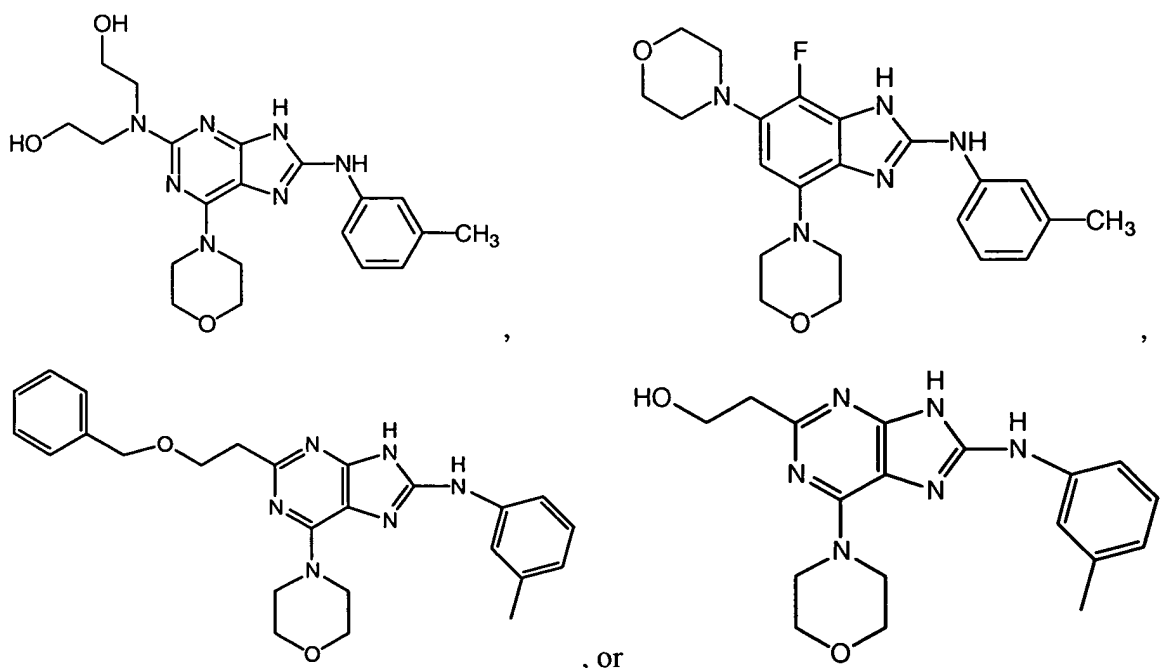
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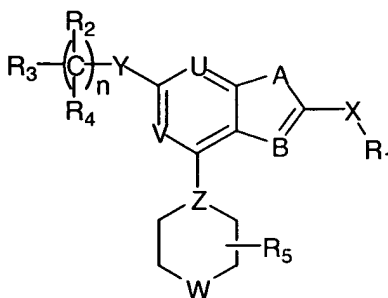


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26. A method for treating an interleukin-12 overproduction-related disorder,
 5 comprising administering to a subject in need thereof an effective amount of the compound
 of formula (I):



wherein

R_1 is aryl or heteroaryl;

each of R_2 and R_4 , independently, is H, halogen, CN, alkyl, OR^a , or NR^aR^b ;

R_3 is H, halogen, CN, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cyclyl, heterocyclyl,
 OR^a , $OC(O)R^a$, $OC(O)NR^aR^b$, NR^aR^b , $NR^aC(O)R^b$, $NR^aS(O)R^b$, $NR^aS(O)_2R^b$,
 $NR^aC(O)NR^bR^c$, $NR^aC(S)NR^bR^c$, $NR^aC(NR^b)NR^cR^d$, $NR^aC(O)OR^b$, $S(O)NR^aR^b$,
 $S(O)_2NR^aR^b$, $S(O)R^a$, $S(O)_2R^a$, $C(O)R^a$, $C(O)OR^a$, or $C(O)NR^aR^b$;

R_5 is H or alkyl;

n is 0, 1, 2, 3, 4, 5, or 6;

A is O, S, S(O), S(O)₂, or NR^e;

B is N or CR^f;

X is O, S, S(O), S(O)₂, NR^e, or C(O);

Y is a covalent bond, C(O), C=NR^a, O, S, S(O), S(O)₂, or NR^e;

5 Z is N or CH;

each of U and V, independently, is N or CR; and

W is O, S, or NR^e;

in which each of R^a, R^b, R^c, and R^d, independently, is H, alkyl, aryl, heteroaryl, cyclyl, or heterocyclyl; R^e is H, alkyl, aryl, acyl, or sulfonyl; and R^f is H, alkyl, aryl, acyl, sulfonyl, alkoxyl, amino, ester, amide, CN, or halogen.

10

27. The method of claim 26, wherein A is NR^e, and B is N.

28. The method of claim 26, wherein Z is N.

15

29. The method of claim 28, wherein W is O.

30. The method of claim 26, wherein X is NR^e.

20

31. The method of claim 26, wherein each of U and V is N.

32. The method of claim 26, wherein the disorder is rheumatoid arthritis, sepsis, Crohn's disease, multiple sclerosis, psoriasis, or insulin-dependent diabetes mellitus.

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33. The method of claim 32, wherein A is NR^e, and B is N.

34. The method of claim 32, wherein Z is N.

35. The method of claim 34, wherein W is O.

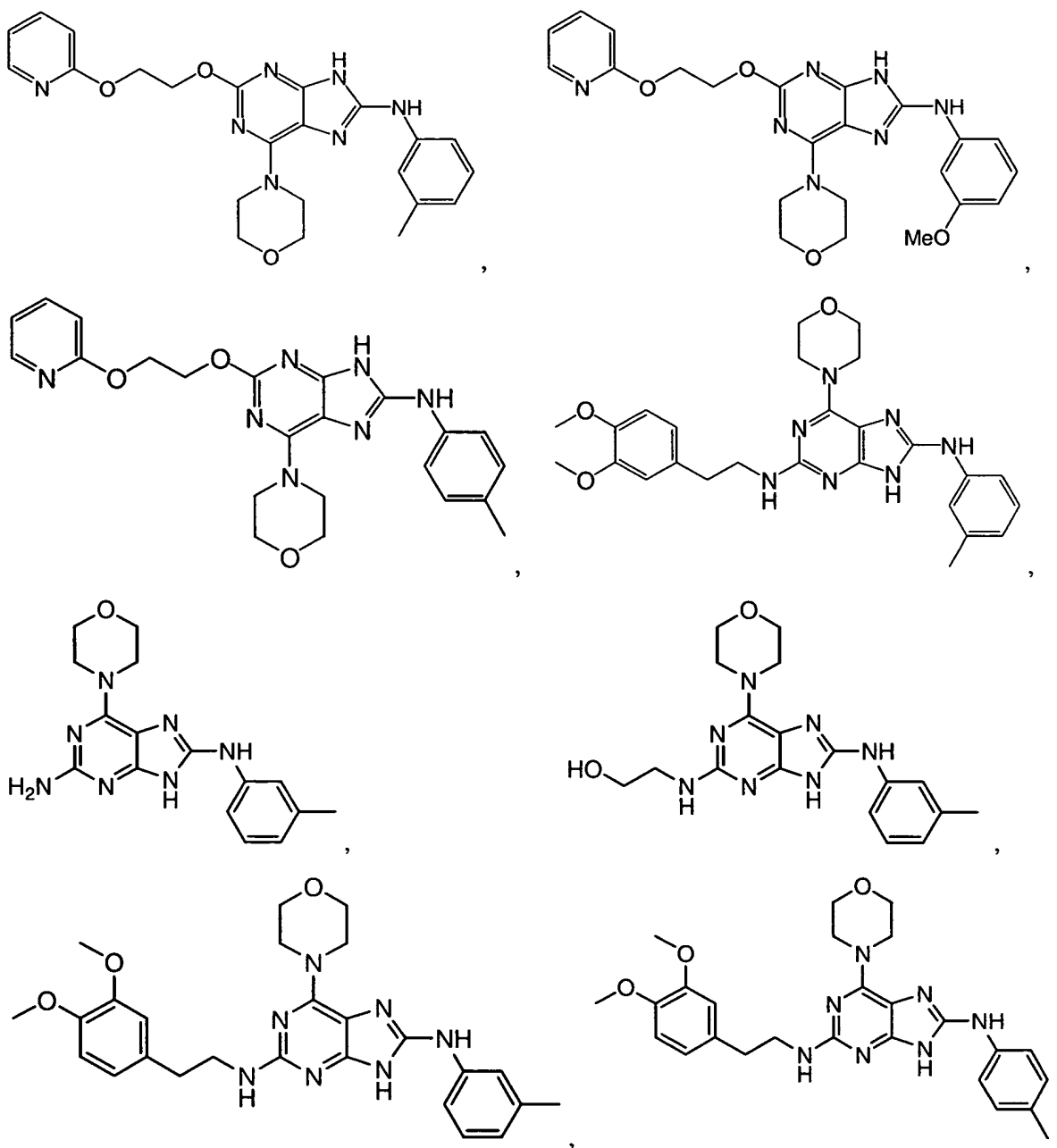
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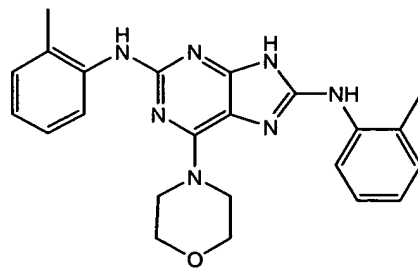
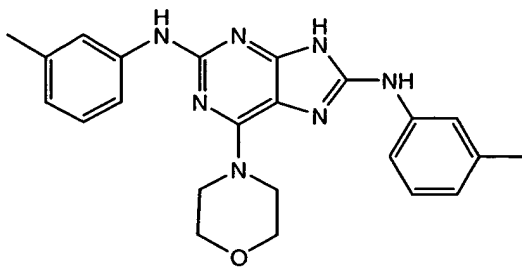
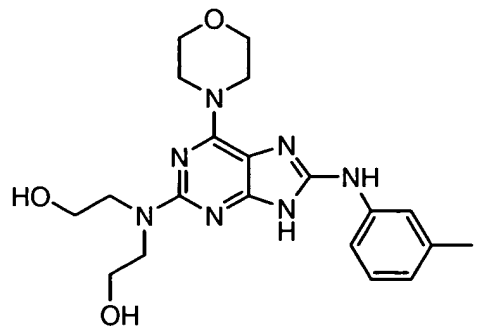
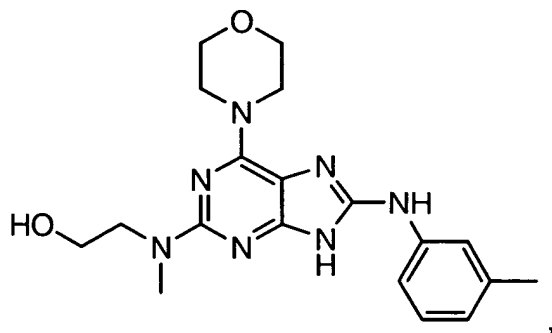
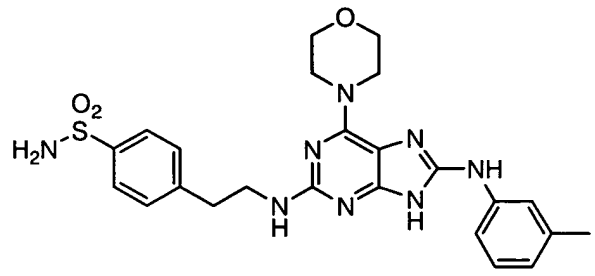
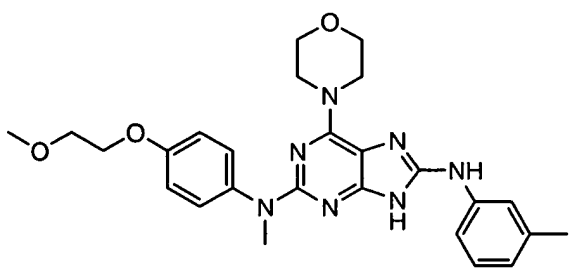
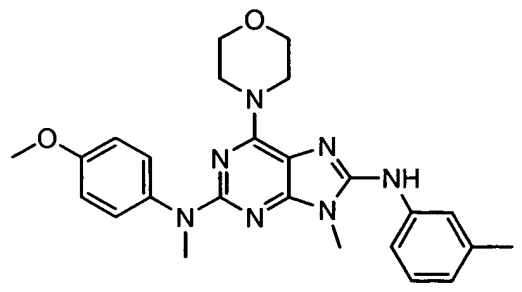
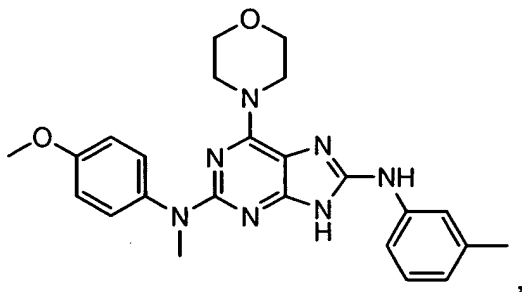
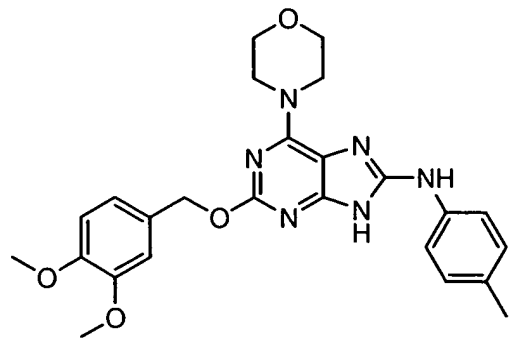
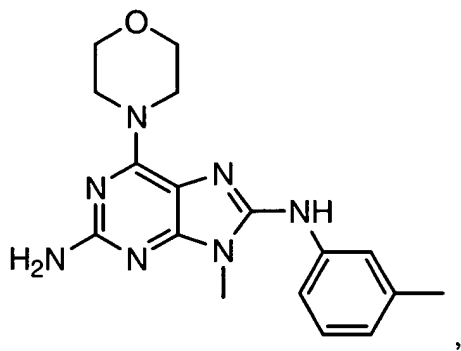
36. The method of claim 32, wherein X is NR^e.

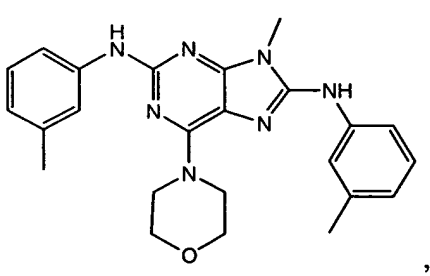
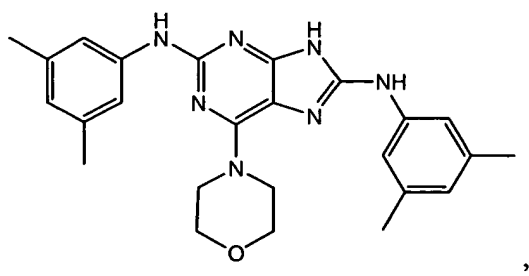
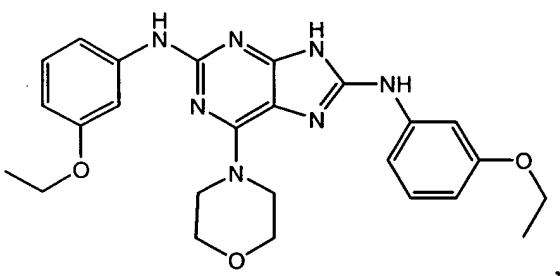
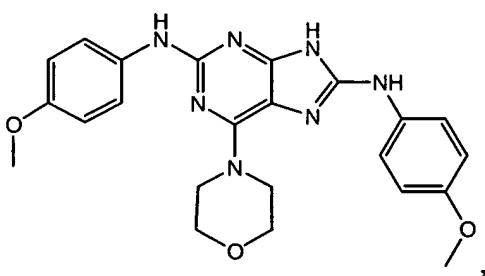
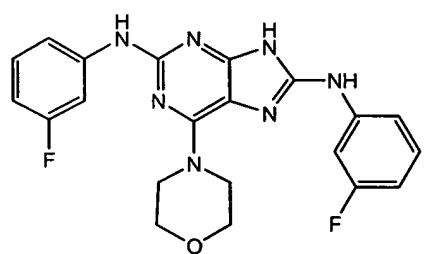
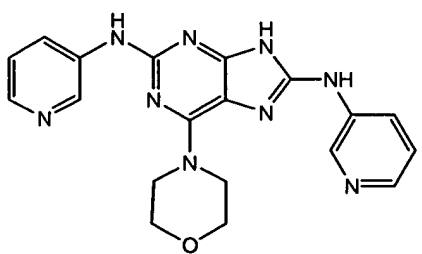
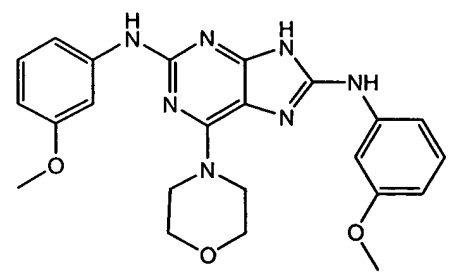
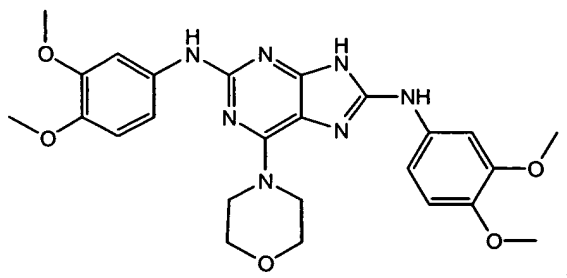
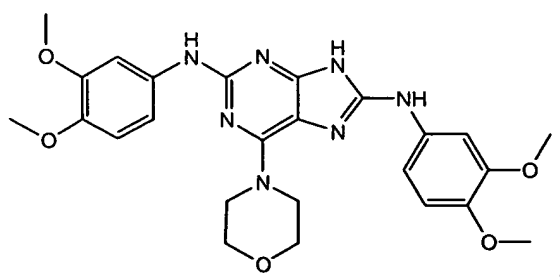
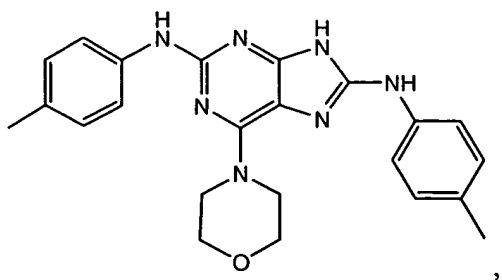
37. The method of claim 32, wherein each of U and V is N.

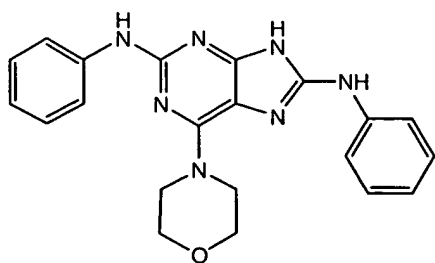
38. The method of claim 26, wherein the compound is

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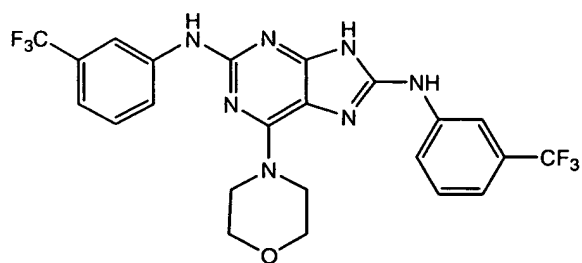




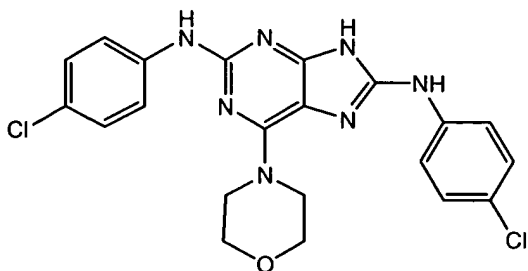




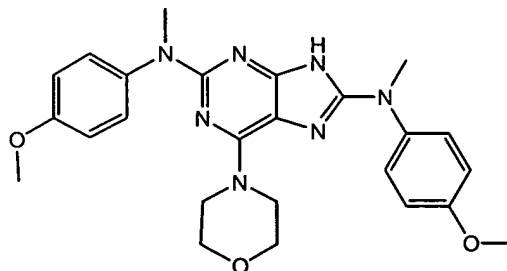
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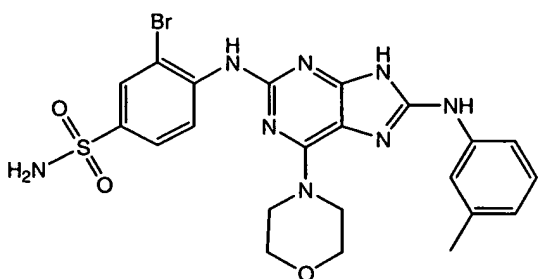
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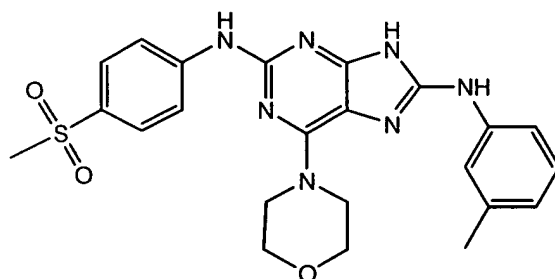
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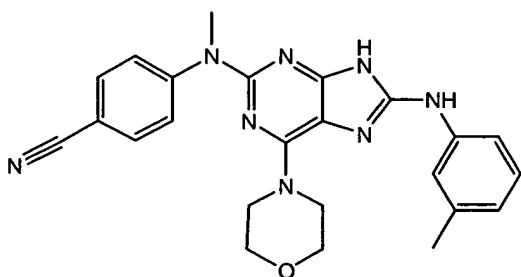
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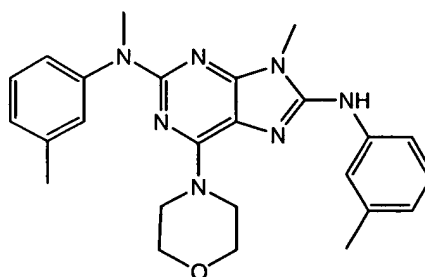
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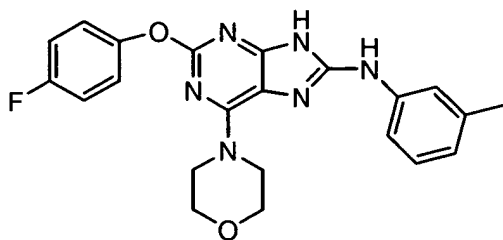
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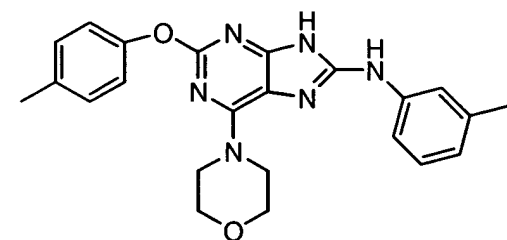
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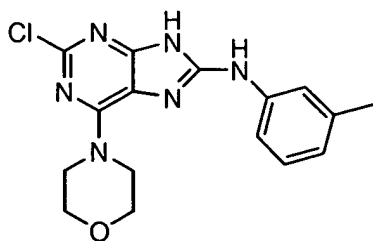
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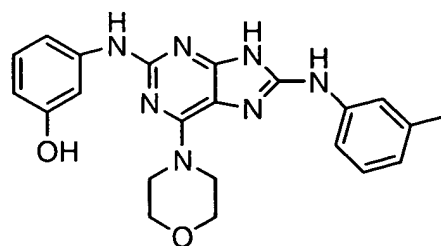
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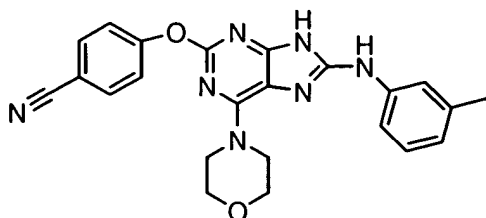
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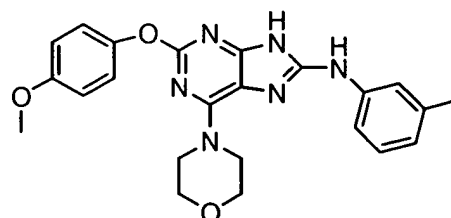
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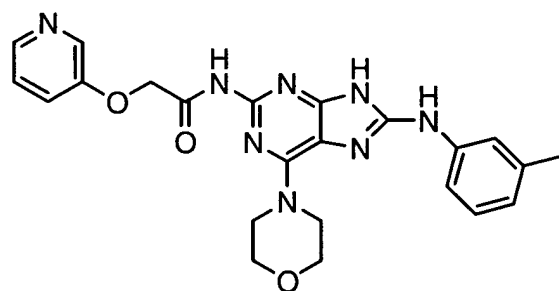
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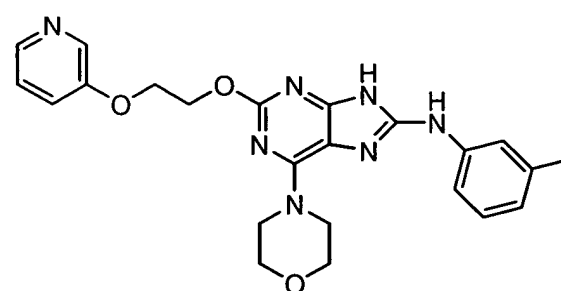
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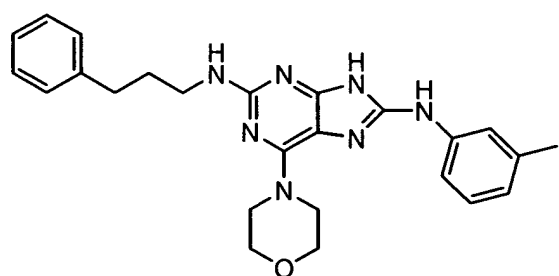
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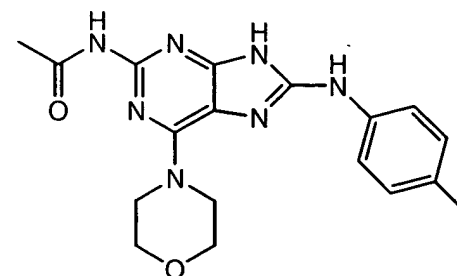
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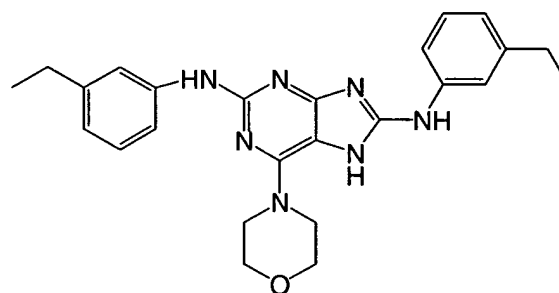
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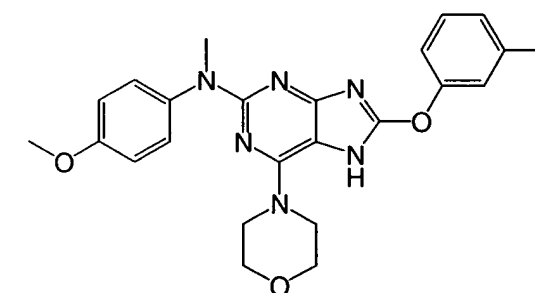
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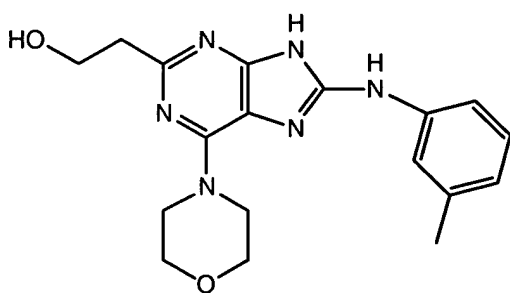
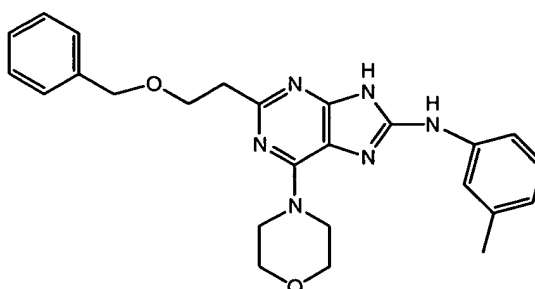
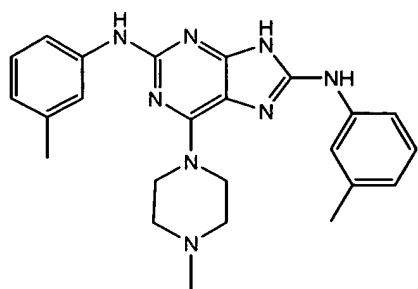
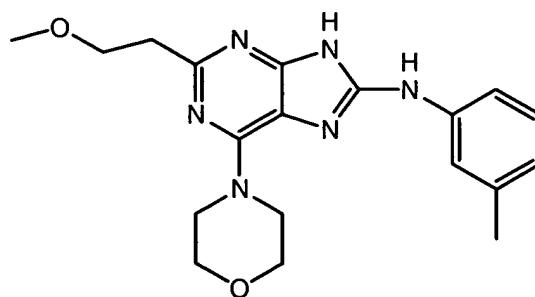
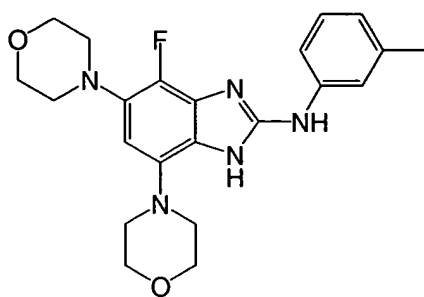
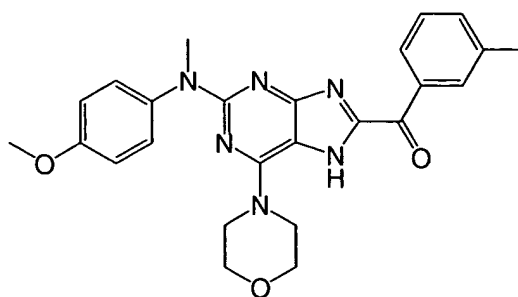
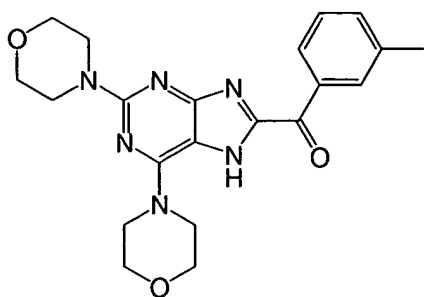
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